

The Tekneka WS200E 3-in-1 wireless weather monitoring station has temperature, humidity, and anemometer sensors. It transmits data to the console using the radio frequency 868MHz from up to 150 meters away. In addition, the system does data analysis for your convenience, displays the Beaufort scale of wind velocity, has an adjustment mode, and records every day. Other useful readings include how it feels, heat index, dew point, comfort level, and wind chill. Because of its integrated radio-controlled and atomic clock features, the WS200E performs admirably as a personal professional weather station for its intended purpose.

### Features

- Easy to keep an eye on both interior and outdoor weather conditions
- Wireless data transmission with an estimated operational range of 150 meters
- It has a weather index and hourly/daily/monthly/yearly wind records
- Rainfall rate measured on a daily, weekly, monthly, and total basis
- Hourly history records over the previous 24 hours are easily recalled
- Indoor temperature and humidity are measured, and the comfort level and dew point are indicated
- Displays the maximum and minimum values for all parameters along with the precise time and date
- Hi/Lo alert with flashing amber LED indication (inside and outdoor temperature, wind speed, and rainfall)
- LCD backlights blink automatically for any system alerts and alarms
- Users can understand by indications of wireless signal strength, wind blowing direction, weather forecasting, temperature and humidity trend indicators, and comfort zone indication
- Clock mode operates at 868MHz frequency for EU and UK regions (in all other countries, the users can manually set the clock mode)



### Applications

The WS200E is extensively utilized in various settings such as farms and agricultural teams, construction companies, meteorological agencies, educational institutions, the manufacturing sectors, environment organizations, research institutes, event organizing companies, museums & historical sites, and sports facilities.

### Technical Specifications

	Range	Resolution	Accuracy
Temperature (In/Outdoor)	-40 to 70°C	0.1°C	±0.5°C (5 to 40°C)
			±1°C (-20 to 5°C)
			±1.5°C (-40 to -20°C)
Humidity (In/Outdoor)	1 to 99%RH	1%	±6.5%RH (1 to 20%RH)
			±3.5%RH (21 to 80%RH)
			±6.5%RH (81 to 90%RH)
Wind Speed	0 to 50m/s,	0.1m/s	±6%, (0 to 5m/s) ±0.5m/s
	0 to 112mph	0.1mph	±6%, (0 to 11.1) ±1.1mph
	0 to 180km/h	0.1km/h	±6%, (0 to 18) ±1.8km/h
	0 to 97knots	0.1knots	±6%, (0 to 9.7) ±0.9knots
Dew-Point (Calculated)	-40 to 60°C		

## General Specifications

Sensor Support	Wireless 3-in-1 sensor (wind speed, temperature and humidity)
RF Frequency	868MHz
RF Transmission Range	150m
Data Refresh	12 seconds
Atomic Clock Synchronization	Auto or Disable
RCC Time Signal	DCF or MSF (base on the country version)
Clock Display	HH:MM:SS/Weekday
Hour Format	12/24 hours
Calender	DD/MM
Power Supply	5 x 1.5V AA batteries
Dimensions (W x H x D)	Receiving console: 95 x 155 x 23mm (excluded table stand)/Transmitter: 136 x 249 x 136mm
Weight	Receiver: 250g/Transmitter: 390g (with batteries)

## Packing Includes

- Mounting Clamp
- 5 x 1.5V AA Batteries
- Bolt & Nut Kit
- User Manual

## Ordering Info

WS200E..... 3-in-1 Weather Monitoring Station